

DATA ENCODING APPARATUS AND METHOD OF SAME AND  
CAMERA SYSTEM

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ABSTRACT OF THE DISCLOSURE

A data encoding apparatus, and method and a camera system using the same, improved in speed of processing. The predetermined write addresses in accordance with an input sequence of data are generated corresponding to the data and stored at corresponding addresses of a storage unit, an address the latest in a read sequence from the storage unit among the write addresses of the non-zero data is detected at an EOB (encoding of data block) detection unit, read addresses are sequentially generated, the data is read from the addresses of the storage unit and output to an encoding unit, when the read address and the detection address of the EOB detection unit do not coincide, the data is sequentially encoded at the encoding unit, when they coincide, the data of this address is encoded, a code EOB is generated, and the encoding is terminated.